

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Amos Nussinovitch

Confirmation No.: 2188

Application No.: 10/657,673

Patent No.: 7,422,737 B1

Filing Date: September 5, 2003

Patent Date: September 9, 2008

For: POROUS FREEZE-DRIED HYDROCOLLOID
BEADS CONTAINING VIABLE
MICROORGANISMS FOR BIOLOGICAL
CONTROL

Attorney Docket No.: 85189-5100

REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.322

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Patentees hereby respectfully request the issuance of a Certificate of Correction in connection with the above-identified patent. The correction is listed on the attached Form PTO-1050. The correction requested is as follows:

On the title page, Item (73) Assignee, change "**Yissam**" to -- **Yissum** --. The name of the assignee will then correctly appear as "**Yissum Research Development Company of the Hebrew University of Jerusalem**".

The requested correction is for an error that appears to have been made by the Office. Therefore, no fee is believed to be due for this request. Should any fees be required, however, please charge such fees to Winston & Strawn LLP Deposit Account No. 50-1814. Please issue a Certificate of Correction in due course.

Respectfully submitted,

Date

9-19-08



Allan A. Fanucci, Reg. No. 30,256

WINSTON & STRAWN LLP
Customer No. 28765
212-294-3311

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO. : 7,422,737 B1
APPLICATION NO. : 10/657,673
DATED: : September 9, 2008
INVENTOR(S) : Nussinovitch et al.

Page 1 of 1

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page:

Item (73) Assignee, change "**Yissam**" to -- **Yissum** --. The name of the assignee will then correctly appear as "**Yissum Research Development Company of the Hebrew University of Jerusalem**".



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(12) **United States Patent**
Nussinovitch et al.

(10) **Patent No.:** US 7,422,737 B1
(45) **Date of Patent:** Sep. 9, 2008

(54) **POROUS FREEZE-DRIED HYDROCOLLOID
BEADS CONTAINING VIABLE
MICROORGANISMS FOR BIOLOGICAL
CONTROL**

(75) **Inventors:** Amos Nussinovitch, Rehovot (IL); Ilan
Chet, Nes Ziona (IL); Cheinat Zohar
Perz, Kiryat Ekron (IL)

Yissum

(73) **Assignee:** Yissam Research Development
Company of the Hebrew University of
Jerusalem, Jerusalem (IL)

(*) **Notice:** Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 366 days.

(21) **Appl. No.:** 10/657,673

(22) **Filed:** Sep. 5, 2003

Related U.S. Application Data

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5, 2002.

(51) **Int. Cl.**
A01N 63/00 (2006.01)
C12N 11/02 (2006.01)
C12N 11/10 (2006.01)
C12N 11/08 (2006.01)
C12N 11/04 (2006.01)

(52) **U.S. Cl.** 424/93.4; 424/93.5; 435/177;
435/178; 435/180; 435/182

(58) **Field of Classification Search** None
See application file for complete search history.

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Primary Examiner—David M Naff

(74) *Attorney, Agent, or Firm*—Winston & Strawn LLP

(57) **ABSTRACT**

The present invention provides cellular solid carriers com-
prising viable microorganisms capable of controlling plant
pathogens. The cellular solid carriers are formed from water-
soluble hydrocolloid beads dried under conditions which pre-
serve their porosity, thereby allowing efficient release of
microorganisms or diffusion of products derived from the
microorganisms from the beads to the surrounding environ-
ment.

27 Claims, 13 Drawing Sheets